

Inventor(s): HUTTUNEN

Appln. No.: 09

807,131

Series Code ↑

Serial No. ↑

Filed: May 23, 2001

Hon. Commissioner of Patents

Washington, D.C. 20231

Sir:

SEP 05 2001

REPLY/AMENDMENT/LETTER

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

RECEIVED

SEP 06 2001

Technology Center 2600

Group Art Unit

Examiner:

Atty. Dkt.

2631

To Be Assigned

P 277995

2990563US

M#

Client Ref

Appln. Title:

METHOD FOR SELECTING
MODULATION DETECTOR IN
RECEIVER, AND RECEIVER

Date: September 5, 2001

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim

- A. ☒ NOT made
B. ☐ Withdrawn
C. ☐ made herewith
D. ☐ made previously

For B & C
See Required
Separate Paper
(Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	15	**minus 20 0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims	3	***minus 3 0	x \$80/\$40 =	+ \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)			add	+ \$270/\$135 =	+ \$0 104/204
5. Original due Date:		<input checked="" type="checkbox"/> NONE			
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo) \$110/\$55 = (2 mos) \$390/\$195 = (3 mos) \$890/\$445 = (Usable only for ≤ 2mo.OA --- 4 mos) \$1390/\$695= (Usable only for 30 day/1mo.OA --- 5 mos) \$1890/\$945=	+ \$0		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract			- \$0		
8. Extension Fee Attached			+ \$0		
9. If Terminal Disclaimer attached, add Rule 20(d) official fee			+ \$110/\$55 + \$0 148/248		
10. If IDS attached requires Official Fee under Rule 97 (c), add			+ \$180 + \$0 126		
or if Rule 97(d) Request add			+ \$180 + \$0 126		
11. After-Final Request Fee per rules 129(a) and 17(r)			+ \$710/355 + \$0 146/246		
12. No. of additional inventions for examination per Rule 129(b).....			x \$710/355 ea + \$0 149/249		
13. Request for Continued Examination (RCE)			+ \$710/355 + \$0 1179/1279		
14. Petition fee for			+ \$0		
15. TOTAL FEE ENCLOSED =			\$0		

16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975)

(Our Order No. 60258

C#

277995

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP

Intellectual Property Group

1600 Tysons Boulevard

By Atty: Christine H. McCarthy

Reg. No. 41844

McLean, VA 22102

Sig: *Christine H. McCarthy*

Fax: (703) 905-2500

Tel: (703) 905-2000

Tel: (703) 905-2143

Atty/Sec: CHM/EED

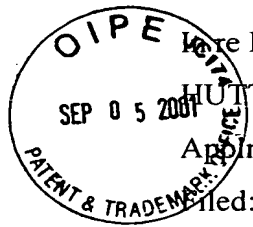
NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments

5th

6/B
RS

12-5-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



IN RE PATENT APPLICATION OF

HUTTUNEN

App'n. No.: 09/807,131

Filed: May 23, 2001

Group Art Unit: 2631

Examiner: To Be Assigned

Title: METHOD FOR SELECTING MODULATION
DETECTOR IN RECEIVER, AND RECEIVER

September 5, 2001

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PRELIMINARY AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

RECEIVED
SEP 06 2001
Technology Center 2600

Sir:

Prior to initial examination on the merits, please amend the above-identified application as follows:

IN THE CLAIMS:

Please enter the following amended claims 1-10:

1. (Amended) A method for selecting a modulation detector in a receiver which includes at least a first and a second detector, the method comprising:

determining at least one cross-correlation value between a stored training sequence and at least one training sequence of a received signal; and

selecting a detector used for detection of a signal to be received on the basis of the determined at least one cross-correlation value.

2. (Amended) The method of claim 1, wherein determining at least one cross-correlation value further comprises:

searching for an ideal synchronization point of the received signal, at which point the cross-correlation between the training sequence of the received signal and the stored training sequence has a maximum value; and